

Message Text

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ACTION EUR-25

INFO OCT-01 ISO-00 SS-20 MC-02 CIAE-00 PM-07 INR-10 L-03

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FM USMISSION NATO

TO SECSTATE WASHDC 2166

SECDEF WASHDC

INFO USNMR SHAPE

USCINCEUR

USLOSACLANT

S E C R E T SECTION 1 OF 2 USNATO 4948

E.O. 11652: 12-31-81

TAGS: MCAP, NATO

SUBJECT: EWG MEETING, OCT 16, 1973, BASIC ISSUES OF DEFENSE

PLANNING, WAR RESERVE STOCKS

REF: STATE 204111

US REP (B/G BOWMAN) DREW ATTENTION TO US SEP 13 RECOMMENDATIONS
FOR EARLY ACTION ON WAR RESERVE STOCKS (ANNEX TO AC/281-DS(73)

13). US THEN DREW HEAVILY ON REFTTEL AS A PROPOSAL FOR LONG
TERM RECOMMENDATIONS BY THE EWG. US STATEMENT FOLLOWS:

1. DEVELOPING COMMON, INCLUSIVE AND ACCEPTABLE WAR RESERVE
MUNITIONS PLANNING FACTORS MUST BE AN EARLY STEP IN ENHANCING
THE ALLIANCE'S WAR RESERVE POSTURE. TO ARRIVE AT THESE FACTORS
THE US RECOMMENDS THE FOLLOWING ACTIONS:

A. REVIEW THE ATTRITION AND CONSUMPTION RATES WHICH UNDERLY
THE COMPUTATIONS OF STANDING GROUP NATO (SGN) DAYS OF SUPPLY.

B. DEVELOP AGREED NATO GROUND AMMUNITION CONSUMPTION RATES FOR
NEW MUNITIONS WHICH ARE NOW DEPENDENT UPON NATIONAL RATES FOR
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DAYS OF SUPPLY COMPUTATIONS.

C. SUBMIT FOR NATIONAL ANALYSIS THOSE SGN RATES WHICH ARE
NOT ACCEPTED BY ALLIANCE MEMBERS.

D. ESTABLISH A NEW METHODOLOGY FOR IDENTIFYING THE OPTIMUM MIX OF AIR MUNITIONS TO BE STOCKPILED.

E. EXPAND TABLE III (EQUIPMENT AND AMMUNITION) OF THE DEFENSE PLANNING QUESTIONNAIRE FOR 1974 TO INCLUDE THE NUMBER OF WEAPONS TO BE SUPPORTED BY THE ON-HAND MUNITIONS REPORTED AND THE CONSUMPTION RATE USED TO COMPUTE THE DAYS OF SUPPLY REPORTED. AIRCRAFT AND SORTIES COULD BE USED IN THE SAME FASHION FOR AIR MUNITIONS AS TUBES OR LAUNCHERS AND CONSUMPTION RATES FOR GROUND MUNITIONS.

F. EXPAND THE SHAPE LOGISTIC ESTIMATE (LOGEST) OR ITS SUCCESSOR LOGISTIC STATUS REPORTING SYSTEM TO INCLUDE THE DATA DESCRIBED IN SUBPARA E. ABOVE.

G. REMOVE THE SPECIAL DISTRIBUTION CAVEAT FROM DPQ TABLE III, THUS MAKING THESE DOCUMENTS AVAILABLE TO ALLIED CAPITALS.

2. COMMON, INCLUSIVE AND ACCEPTABLE MUNITIONS FACTORS SHOULD ELIMINATE THE DISCREPANCIES BETWEEN NATIONAL REPLIES TO THE DPQ AND NATIONAL REPORTS TO MNC'S NOTED IN AC/281. THE U.S. IS PREPARED TO OFFER ANALYTICAL ASSISTANCE TO SHAPE IN REVISING MUNITIONS PLANNING FACTORS.

3. REGARDING AIRCRAFT ATTRITION RATES, CURRENT USAF WAR PLANNING FOR NATO ASSUMES 10 LOSSES PER 1,000 SORTIES FLOWN, INCLUDING LOSSES ON THE GROUND. THE U.S. CONSIDERS THIS TO BE A REASONABLE BASIS FOR SHAPE AIR MUNITIONS WAR RESERVE PLANNING FOR THE FOLLOWING REASONS: (1) USAF ATTRITION OVER THE MOST HEAVILY DEFENDED AREAS OF NORTH VIETNAM AVERAGED LESS THAN 20 LOSSES PER 1,000 SORTIES; (2) USAF LOSSES OVER ALL NORTH VIETNAM AVERAGED ABOUT 2.5 LOSSES PER 1,000 SORTIES, ALTHOUGH THERE WERE NO GROUND LOSSES AND FEW INTERCEPTIONS IN THIS CAMPAIGN; (3) SINCE WAR RESERVE PROCUREMENT IS A LONG TERM (SEVERAL YEAR) PROGRAM, AIR MUNITIONS INVENTORY OBJECTIVES (I/OS) SHOULD CONSIDER THE AIRCRAFT SHELTERS EXPECTED TO BE
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AVAILABLE AT ABOUT THE TIME WHEN A RECOMPUTED I/O MIGHT REASONABLY BE ATTAINED; (4) BY END-CY 75, NATO IS PROJECTED TO HAVE SHELTERS FOR MORE THAN 70 PERCENT OF THE M-DAY AIRCRAFT ON THE CONTINENT; (5) THE WARSAW PACT, TO OUR KNOWLEDGE, HAS NO NON-NUCLEAR, AIR-TO-GROUND MUNITION THAT IS EFFECTIVE AGAINST AIRCRAFT SHELTERS. (ASIDE FROM THE ISSUE OF THE AIRCRAFT ATTRITION RATE TO BE USED IN COMPUTING SORTIE CAPABILITY AND AIR MUNITIONS WAR RESERVE I/OS, SORTIE AND I/O COMPUTATIONS MUST TAKE ACCOUNT OF THE POTENTIAL INTRODUCTION OF REINFORCING AIRCRAFT INTO THE THEATER AFTER M-DAY.) THE U.S. SEES A SERIOUS DANGER TO NATO PREPAREDNESS IN UING PESSIMISTICALLY HIGH AIRCRAFT ATTRITION ASSUMPTIONS WHICH DECREASE COMPUTED SORTIE CAPABILITY AND THE DERIVATIVE AIR MUNITIONS WAR RESERVE I/OS.

SUCH ARTIFICIALLY DEFLATED MUNITIONS INVENTORY OBJECTIVES COULD TRANSFORM THE PESSIMISTIC ASSUMPTION WHICH CREATED THEM INTO A SELF-FULFILLING PROPHECY.

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4. THE SHAPE AND DRC TABLES SHOULD INCLUDE DATA ON MUNITIONS STOCKPILED IN EXCESS OF 30 DAYS OF SUPPLY. ONCE UPDATED PLANNING FACTORS AND METHODOLOGIES HAVE BEEN AGREED UPON, AND NATO COUNTRY INVENTORY OBJECTIVES HAVE BEEN COMPUTED AND ACTUAL INVENTORIES EVALUATED USING THOSE FACTORS AND METHODS, THIS COMPLETE PICTURE OF ASSETS-VS-OBJECTIVES BY COUNTRY COULD FACILITATE REDISTRIBUTION OF STOCKS AMONG THE ALLIES IN TIME OF CRISIS.

5. THE U.S. HAS ESTABLISHED ITS OWN CONSUMPTION RATES AND INVENTORY OBJECTIVES FOR THE MODERN GROUND AND AIR MUNITIONS -- E.G. THE IMPROVED CONVENTIONAL (GROUND) MUNITIONS (QTE ICM UNQTE), LASER AND ELECTRO-OPTICALLY GUIDED BOMBS, CLUSTERED BOMBS AND THE TACTICAL NON-NUCLEAR AIR-TO-SURFACE MISSILES SUCH AS MAVERICK AND CONDOR. THE U.S. IS PREPARED TO RECOMMEND ICM CONSUMPTION RATES (IN NOTIONAL ROUNDS PER TUBE PER DAY) AS A PART OF A COMPREHENSIVE REVIEW AND UPDATING OF SHAPE RATES AND METHODOLOGIES.

6. THE RECENT AVAILABILITY OF MUCH MORE EFFECTIVE, MORE EXPENSIVE, AND GENERALLY MORE SPECIALIZED AIR MUNITIONS

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PRESENTS DIFFICULT QUESTIONS ABOUT THE PROPER STOCKPILE MIX. THE IDEAL WAR RESERVE MIX SHOULD CONSIDER AIRCRAFT SORTIE AVAILABILITY, MUNITION/AIRCRAFT COMPATIBILITY, AIRCRAFT RANGE/PAYLOAD RELATIONSHIPS, MUNITION COSTS, MUNITION EFFECTIVENESS AGAINST SPECIFIC TARGET TYPES, WEATHER CONDITIONS, LIKELY FUTURE TARGET ARRAYS, AND RELATIVE TARGET VALUES. THE U.S. HAS DEVELOPED ANALYTICAL METHODOLOGIES WHICH TAKE ACCOUNT OF ALL THESE FACTORS IN IDENTIFYING AN OPTIMUM AIR MUNITIONS MIX; CURRENT U.S. AIR MUNITIONS WAR RESERVE PLANNING FACTORS (EXPRESSED AS AVERAGE EXPENDITURES PER SORTIE, BY AIRCRAFT AND MUNITION TYPE) ARE SO DERIVED. THE U.S. METHODOLOGIES COULD BE USED TO ESTABLISH AIR MUNITIONS QTE EXPENDITURE PER SORTIE UNQTE FACTORS FOR THE EUROPEAN ALLIES. THE U.S. IS WILLING TO MAKE ITS AIR MUNITIONS PLANNING METHODOLOGIES AVAILABLE TO NATO, BUT THEY SHOULD BE USED WITH DATA INPUTS THAT ARE CONSISTENT WITH THE RELEVANT COUNTRY'S FORCE STRUCTURE, DELIVERY TACTICS, AND ASSIGNED MISSION AREA WITHIN THE NATO THEATER.

7. IN SUM, NATO (AND NATIONAL PLANNERS) NEED TO KNOW WHAT EACH NATO COUNTRY'S INDIVIDUAL MUNITION INVENTORY OBJECTIVES SHOULD BE (BASED ON UPDATED, CONSISTENT, AND AGREED PLANNING FACTORS AND METHODOLOGIES) AND WHAT WAR RESERVES OF EACH MUNITION ARE POSSESSED BY EACH ALLY. THE EWG MIGHT PROPOSE THE FOLLOWING SCHEDULE FOR MUNITIONS IMPROVEMENTS IN ITS REPORT:

A. ATTAIN THE INTERIM, IMMEDIATE OBJECTIVE OF A 30-DAY STOCKAGE LEVEL COMPUTED USING THE CURRENT PLANNING FACTORS AND METHODOLOGIES BY END-CY 75.

B. REVIEW AND UPDATE SHAPE FACTORS, RATES, AND METHODOLOGIES BY END-CY 74; HAVE THIS PRODUCT REVIEWED AND RATIFIED BY ALL NATO MEMBER NATIONS BY MID-CY 75.

C. DEFINE AND AGREE TO A NEW NATO STOCKPILE GOAL BASED ON IMPROVED ESTIMATES OF WARSAW PACT SUSTAINING CAPABILITY, BY END CY-74.

D. HAVE ALL NATO MEMBER NATIONS IDENTIFY TO NATO BY END-CY 75 SPECIFIC MUNITIONS INVENTORY OBJECTIVES, BASED ON THE NEW STOCK-PILE GOAL AND COMPUTED BY USING COMMONLY-AGREED, UPDATED SHAPE PLANNING FACTORS, RATES, AND METHODOLOGIES, ALONG WITH A PROCUREMENT
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PROGRAM TO ATTAIN THOSE OBJECTIVES BY END-CY 77.

E. ATTAIN THESE NEW INVENTORY OBJECTIVES, AND THEREBY THE NEW NATO STOCKPILE GOAL, BY END-CY 77.
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